

First-Time Freshmen Migration In and Out of Tennessee

Tennessee Higher Education Commission

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Fifteen percent of Tennessee's first-time freshmen out-migrated to attend out-of-state institutions. Twenty-one percent of the first-time freshmen within Tennessee in-migrated from out-of-state.

In 1996, 17.1 percent of the 2.22 million first-time freshmen in the United States out-migrated from their home state to attend a degree granting two or four year higher education institution. Using the most recent national data from 1996, this report describes the migration of first-time freshmen in and out of Tennessee.

Net Migration

Research has shown that the location of large populations within a state, the

unique attractions of institutions, and tuition reduction agreements with surrounding states are the largest factors that contribute to migration (MN Higher Ed. Services, Feb. 2000). Analysis of the IPEDS data reveals that the net migration of students into Tennessee in 1996 was +2,663. 5,048 of Tennessee's 33,853 first-time freshmen (14.9 %) out-migrated to attend colleges and universities in other states. Meanwhile, 7,711 first-time freshmen in-migrated to Tennessee from out-of-state. These

Net TN Migration Due to Out & In-Migration of First-Time Freshmen Students

Border States	In	Out	Net TN +/-
Georgia	845	377	+468
Kentucky	599	738	-139
Alabama	515	694	-179
Virginia	464	255	+209
North Carolina	273	230	+43
Missouri	229	118	+111
Mississippi	227	631	-404
Arkansas	208	178	+30
Total Border States	3,360	3,221	+139
Non-Border States	In	Out	Net TN +/-
Florida	540	158	+382
Ohio	470	134	+336
Texas	344	189	+155
Illinois	310	108	+202
Indiana	256	158	+98
South Carolina	232	245	-13
Michigan	212	29	+183
California	176	49	+127
Louisiana	173	102	+71
New York	163	107	+56
Maryland	163	41	+122
Pennsylvania	156	57	+99
New Jersey	111	11	+100
...
Total Non-Border	4,068	1,868	+2,200
Total All States	7,428	5,089	+2,339
Unknown/Outlying Areas	293	-41	+324
Total with Unk/Outlying	7,711	5,048	+2,663

Source: 1996 Integrated Postsecondary Education Data System (IPEDS)

Public TN Institutions with the Greatest Enrollments of Out-of-State First-Time Freshmen, Fall 1996

Institution	Out-of-State Students	% of all 1st Time Freshmen
Univ. of TN, Knoxville	686	19%
Tennessee State Univ.	449	41%
East Tennessee State Univ.	208	13%
Middle TN State Univ.	157	7%
University of Memphis	131	8%
Austin Peay State Univ.	144	14%
Univ. of TN, Chattanooga	115	11%
Chattanooga State Tech. CC	76	6%
Univ. of TN, Martin	70	7%
Tennessee Tech. Univ.	66	6%

Source: Integrated Postsecondary Education Data System (IPEDS)

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7,711 students represent 21.4 percent of the 36,516 first-time freshmen enrolled in both public and private two and four year degree granting institutions within Tennessee.

Compared with other states, Tennessee's net migration ranks 18th out of the 40 states that had a positive net migration.

In Tennessee, the largest portion of the net migration comes from non-border states (See Net Migration table on 1st page). The border states of Georgia, Virginia, and Missouri had positive migrations of more than 100 students.

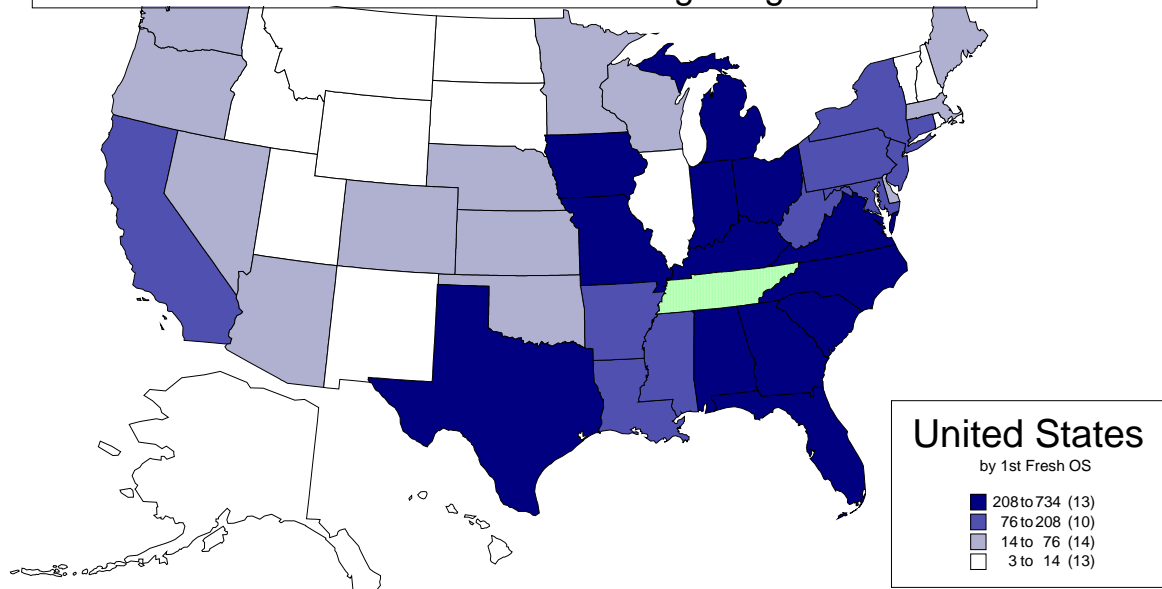
Tennessee Institutions

As a state in 1996, 27 percent of the out-of-state first-time freshmen in-migrated to Tennessee's public institutions. Of the public institutions, the University of Tennessee at Knoxville attracted the most out-of-state students (686), while Tennessee State University attracts the highest percent (41%). 1,372 of the first-time freshmen students attending Vanderbilt were from out of state, which represents the largest number of out-of-state first-time freshmen in Tennessee.

Tennessee Students

The percentage of Tennessee residents, who were first-time freshman, out-migrating from Tennessee has remained stable during the 1990's. 15 percent out-migrated in 1992, 15.3 percent in 1994, and 14.9 percent in 1996. The national

Out-of-State First-Time Freshmen In-Migrating to Tennessee



Out-of-State Institutions with the Greatest Enrollments of TN First-Time Freshmen, Fall 1996

Institution	Tennessee Students	% of all TN 1st Time Freshmen
Western Kentucky Univ.	244	4.8%
Univ. of Mississippi	169	3.3%
Murray State Univ. (KY)	155	3.1%
Auburn University (AL)	155	3.1%
Mississippi State Univ.	150	3.0%
Univ. of N. Alabama	117	2.3%
Samford University	85	1.7%
Univ. of Alabama	82	1.6%
Harding Univ. (AR)	80	1.6%
Emory Univ. (GA)	59	1.2%
Cumberland College (KY)	57	1.1%
College of Charleston (SC)	57	1.1%
Furman Univ. (SC)	56	1.1%
NW Mississippi CC	56	1.1%
Hopkinsville CC (KY)	56	1.1%
NW Shoals CC (AL)	51	1.0%
Jackson State Univ. (MS)	51	1.0%
NE Mississippi CC	47	0.9%
Indiana Univ. -Bloomington	43	0.9%
Georgia Institute of Tech.	40	0.8%
Total TN 1 st Time Fresh	5,048	100.0%

Source: Integrated Postsecondary Education Data System (IPEDS)

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average of students migrating from their home state in 1996 was 17.1 percent.

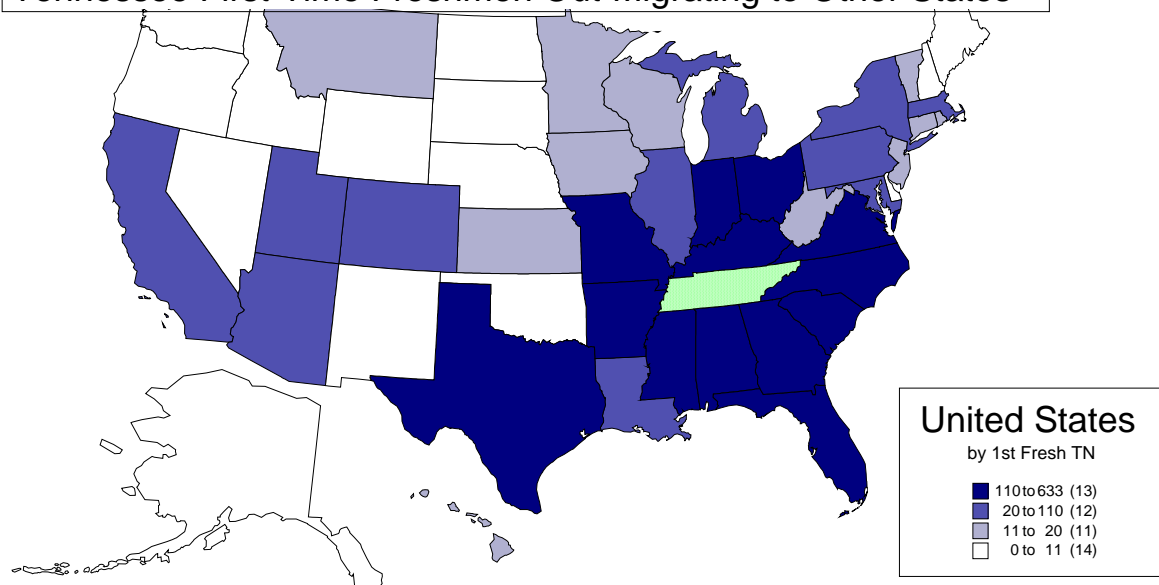
The national average of out-migration of first-time freshmen is 47 percent attending public institutions and 53

percent attending private institutions. In 1996, first-time freshmen out-migrating from Tennessee to out-of-state institutions attended public institutions over private institutions, with 55 percent attending public out-of-state institutions and 45 percent attending private out-of-state institutions. 82 percent of Tennessee first-time freshmen who stayed in Tennessee attended public institutions.

In all, 63 percent of those students who out-migrated from Tennessee to pursue a college degree attended institutions in border states. 14.5 percent of the first-time freshmen leaving Tennessee went to institutions in Kentucky, 13.6 percent attended Alabama institutions, and 12.3 percent attended institutions in Mississippi. The largest number of Tennessee first-time freshmen out-migrating to border states attended Western Kentucky University (244), with large numbers also attending the University of Mississippi (169), Murray State University (155), Auburn University (155), and Mississippi State University (150).

Outside of the border states, students

Tennessee First-Time Freshmen Out-Migrating to Other States



leaving Tennessee tended to stay in the southern or lower midwestern states. Fewer students attended institutions in the northeastern or western sections of the United States. The non-border state

institutions receiving the greatest number of Tennessee first-time freshmen were the College of Charleston (57), Furman University (56), and Indiana University – Bloomington (43).

States Ranked by Percentage of In and Out-Migrating First-Time Freshmen, Fall 1996 (Focus on border states)

Percent of Enrollment of All First-Time Freshmen Due to In-Migration

Rank	State	Out-of State Freshmen	Percent of Total
1	California	17,703	6.4%
9	Mississippi	3,841	13.9%
11	Arkansas	2,729	14.8%
15	Kentucky	4,503	15.8%
19	Alabama	6,703	18.2%
20	Georgia	9,818	18.4%
28	Tennessee	7,711	21.1%
30	Missouri	8,310	21.6%
31	North Carolina	11,695	21.8%
40	Virginia	12,938	27.6%
50	Vermont	3,954	60.4%
51	Dist. of Columbia	7,347	85.0%

Percent of Resident First-Time Freshmen Enrolled who Left the State (Out-Migration)

Rank	State	Resident Freshmen in Other States	Percent of Total
1	California	17,677	6.4%
3	Mississippi	1,787	7.0%
6	North Carolina	11,695	8.4%
7	Alabama	2,875	8.7%
16	Arkansas	2,179	12.2%
17	Kentucky	3,511	12.7%
19	Georgia	7,027	13.9%
21	Tennessee	5,048	14.9%
27	Missouri	5,928	16.4%
32	Virginia	8,395	19.8%
50	Alaska	1,705	50.3%
51	Dist. of Columbia	1,600	55.2%

Source: Integrated Postsecondary Education Data System (IPEDS)

Recent High School Graduates

How recently a student graduated from high school is a final area that affects the migration of first-time freshmen. Enrolled first-time freshmen in 1996 who had graduated from high school within the last 12 months were more likely to out-migrate to higher education institutions as well as more likely to attend private higher education institutions. Nationally, recent graduates or those who had graduated within the last twelve months made up 70 percent of all first-time freshmen. By state, the percentage of state residents enrolled in higher education institutions who were recent high school graduates ranged from 38 percent in Washington to 81 percent in North Dakota. In Tennessee, 78 percent of the state's first-time freshmen were recent high school graduates.

Sources and Information

Information about in and out-migrating students came from the Integrated Postsecondary Data System's (IPEDS) Fall 1996 Enrollment Survey. For more information on higher education in Tennessee visit the Tennessee Higher Education Commission website at www.state.tn.us/thec.

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